

Take the time to read through this instruction manual. Familiarity with installation and operation procedures will help you obtain the best performance from your new stereo power amplifier.

#### For your records

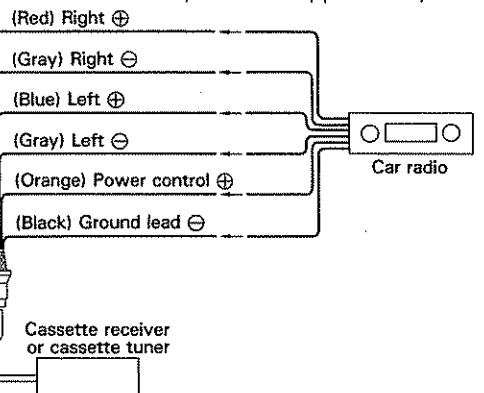
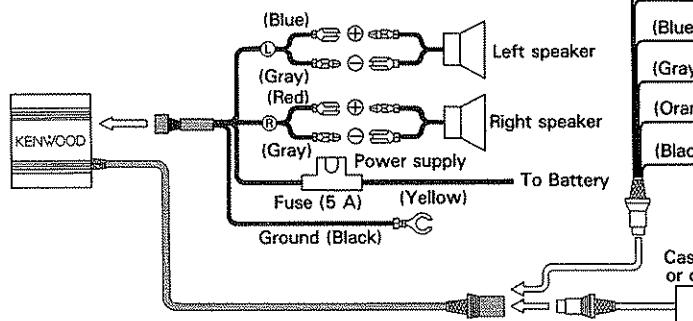
Record the serial number, found on the back of the unit, in the spaces designated on the warranty card, and in the space provided below. Refer to the model and serial numbers whenever you call upon your KENWOOD dealer for information or service on this product.

Model KAC-5020 Serial number \_\_\_\_\_

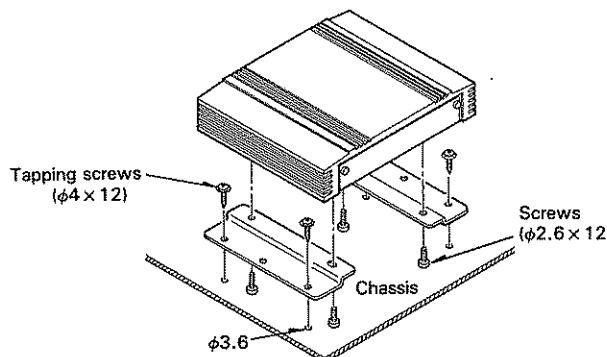
#### Precautions

- The power source of this unit is exclusively DC 12 V,

## Connections



## Installation



- When installing to the car, install the unit securely for safety driving.

## Specifications

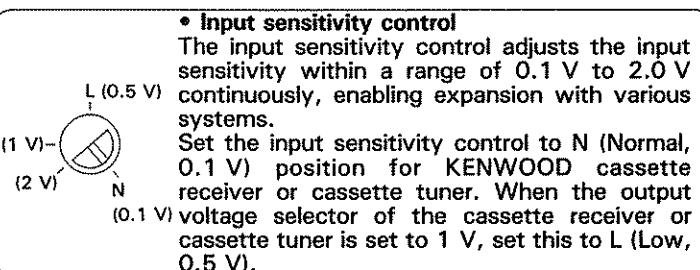
Specifications subject to change without notice

#### Main amp section

Maximum power output (1 kHz, 4 Ω) .....	25 W + 25 W
Power output (10% THD, 1 kHz, 4 Ω) .....	20 W + 20 W
(1% THD, 20 Hz - 30 kHz, 4 Ω) .....	15 W + 15 W
Frequency response (-3 dB) .....	5 Hz - 50 kHz
Total harmonic distortion (5 W, 1 kHz, 4 Ω) .....	0.03%
Input sensitivity (at rated output) Max. .....	0.1 V
Min. .....	2.0 V

#### Caution

- As the unit uses BTL output, always connect the gray speaker wires to the - terminals of the speaker systems. Never let the gray speaker wires touch and never connect them to the chassis (ground). Do not let the speaker terminals come into contact with the chassis (ground). Insulate any unused output wire with vinyl tape to prevent a short circuit.
- Be sure to connect the power lead (red) after all other wiring has been completed and checked.



Signal-to-noise ratio (IEC-A) ..... 100 dB  
Input impedance ..... 10 kΩ  
Damping factor (1 kHz) ..... More than 150

#### General

Operating voltage (GND) .....	14.4 V (11 - 16 V)
Current consumption Max. .....	5 A
Dimensions (W x H x D) .....	126 x 33 x 110 mm (5" x 1 - 5/16" x 4 - 5/16")
Weight .....	0.9 kg (2.0 lb)